

# FISKE BROTHERS REFINING CO.

(ESTABLISHED 1870)

## MATERIAL SAFETY DATA SHEET

417  
Lubriplate

LUBRIPLATE Air Compressor Oil No. 0, No. 1  
No. 2, No. 2A, No. 3, No. 4, No. 5. **SECTION I**

MANUFACTURER'S NAME Fiske Brothers Refining Company		EMERGENCY TELEPHONE NO. 419-691-2491
ADDRESS (Number, Street, City, State, and ZIP Code) 1500 Oakdale Avenue, P.O. Box 8038 - Station "A", Toledo, Ohio 43605		
CHEMICAL NAME AND SYNONYMS Lubricating Oil		TRADE NAME AND SYNONYMS LUBRIPLATE "AC" Series
CHEMICAL FAMILY Primarily Petroleum Hydrocarbons	FORMULA Mineral Oil and Additives	

### SECTION II HAZARDOUS INGREDIENTS

	%	TLV (Units)
Non-hazardous		

### SECTION III PHYSICAL DATA

BOILING POINT (°F.)	> 550°F	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	0.87-0.89
VAPOR PRESSURE (mm Hg.)	< 0.01mm	PERCENT VOLATILE BY VOLUME (%)	Nil
VAPOR DENSITY (AIR=1)	> 5	EVAPORATION RATE (n-Butyl Acetate =1)	< 0.01
SOLUBILITY IN WATER	Insoluble		
APPEARANCE AND ODOR	Transparent amber liquid with mineral oil odor		

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) COC - 415-480°F	FLAMMABLE LIMITS	Lel 1%	Uel 7%
EXTINGUISHING MEDIA Foam, Dry Chemical, Carbon Dioxide, or Water Spray			
SPECIAL FIRE FIGHTING PROCEDURES Cool exposed containers with water. Use air-supplied rescue equipment for enclosed areas.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Do not store or mix with strong oxidants.			
EMPTY CONTAINERS retain residue. Do not cut, drill, grind, or weld, as they may explode.			

### SECTION V REACTIVITY DATA

STABILITY	UNSTABLE	CONDITIONS TO AVOID
	STABLE	X
INCOMPATIBILITY (Materials to avoid) Avoid contact with strong oxidants like liquid chlorine, concentrated oxygen.		
HAZARDOUS DECOMPOSITION PRODUCTS May form SO <sub>2</sub> If incomplete combustion, carbon monoxide.		
HAZARDOUS POLYMERIZATION	MAY OCCUR	CONDITIONS TO AVOID
	WILL NOT OCCUR	X

## SECTION VI HEALTH HAZARD DATA

**THRESHOLD LIMIT VALUE** 5 mg/m<sup>3</sup> for oil mist in air. OSHA Regulation 29 CFR 1910.1000

### EFFECTS OF OVEREXPOSURE

Prolonged or repeated skin contact may cause skin irritation. Product contacting the eyes may cause eye irritation. Human health risks vary from person to person. As a precaution, exposure to liquids, vapors, mists and fumes should be minimized. This product has a low order of acute oral toxicity.

### EMERGENCY AND FIRST AID PROCEDURES

**EYE CONTACT:** Flush with clear water for 15 minutes or until irritation subsides. If irritation persists, consult a physician. **SKIN CONTACT:** Remove any contaminated clothing and wash thoroughly with soap and warm water. If injected under skin, regardless of the appearance or its size, contact a physician IMMEDIATELY. Delay may cause loss of affected part of the body. **INHALATION:** Vapor pressure is very low and inhalation at room temperature is not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician. If over-exposed to oil mist, remove from further exposure until excessive oil mist condition subsides. **INGESTION:** If ingested, call a physician immediately.

## SECTION VII SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Recover liquid, wash remainder with suitable petroleum solvent or add absorbent. Keep petroleum products out of sewers and water courses. Advise authorities if product has entered or may enter sewers and water courses.

### WASTE DISPOSAL METHOD

Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waste disposal facility or site.

## SECTION VIII SPECIAL PROTECTION INFORMATION

### RESPIRATORY PROTECTION (29 CFR 1910.134)

Normally not needed

### VENTILATION

#### LOCAL EXHAUST

Use to capture fumes and vapors.

#### MECHANICAL (General)

### SPECIAL

### OTHER

### PROTECTIVE GLOVES

Use oil-resistant gloves, if needed.

### EYE PROTECTION

If chance of eye contact, wear goggles.

### OTHER PROTECTIVE EQUIPMENT

Use oil-resistant apron, if needed.

## SECTION IX SPECIAL PRECAUTIONS

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep containers closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidants.

### OTHER PRECAUTIONS

Avoid breathing oil mist. Remove oil-soaked clothing and launder before reuse.

Cleanse skin thoroughly after contact.

DATE PREPARED November, 1985

PREPARED BY:

*J. G. Kuhlman*  
J. G. Kuhlman, Technical Advisor